ABSTRACT OF THE DISCLOSURE

A solution is provided that transmits and displays a composite image in a way that reduces the lag perceived during the drawing of the composite image on a screen. The host computer tell the display computer when the composite image is sent. The display computer may store the image in an off-screen memory, and then write the entire contents of the off-screen memory on to the on-screen display at once, in a process commonly known as blitting. This can dramatically reduce the perceived lag caused by the time it takes to transmit the composite image over the network. In an alternative embodiment, the display computer may buffer the protocol commands for the composite image rather than executing them as they arrive. When all of the commands for the image have arrived, the display computer may execute them as rapidly as possible to give the appearance of a near-instantaneous update.